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### REMARKS/ARGUMENTS

Claims 1-17 are pending in this application. By this Amendment, Applicant AMENDS claims 7, 9, and 16.

Applicant greatly appreciates the allowance of claims 11-15 by the Examiner.

Applicant greatly appreciates the Examiner's indication that claims 2 and 5 would be allowable if rewritten in independent form including all of the features of the base claim and any intervening claims.

Claims 1, 4, 7, 9, 6, and 16 were rejected under 35 U.S.C. § 102(e) as being anticipated by Potters et al. (U.S. 6,320,252). Claims 3, 8, 10, and 17 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Potters et al. in view of Young et al. (U.S. 5,596,486). Applicant respectfully traverse the rejections of claims 1, 3, 4, 6-10, 16, and 17.

Claim 1 recites:

"An information card comprising:  
a conductive external panel;  
a ground member that is integral with said external panel; and  
a circuit substrate having a ground conductor portion; wherein  
**said ground member is connected to said ground conductor  
portion of said circuit substrate contained in the information card  
and is externally exposed.**" (emphasis added)

Claim 7 has been amended to recite:

"An information card comprising:  
a conductive external panel;  
a connector including an external conductor; and  
a conductive shell disposed on the perimeter of said external  
conductor; wherein  
**an inner side of said conductive external panel contacts an  
outer side of the conductive shell disposed on the perimeter of said  
external conductor.**" (emphasis added)

Claim 9 has been amended to recite:

"An information card comprising:

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a conductive external panel;  
an elastic conductive member; and  
a circuit substrate having a ground conductor portion; wherein  
**the elastic conductive member connects said conductive  
external panel and said ground conductor portion of said circuit  
substrate.**" (emphasis added)

Claim 16 has been amended to recite:

"An information card comprising:  
an external panel having a ground member disposed therein;  
a circuit substrate; and  
**a seat member disposed on the circuit substrate protruding in  
the direction substantially perpendicular to a surface of the circuit  
substrate.**" (emphasis added)

Applicant's claim 1 recites the feature of "said ground member is connected to said ground conductor portion of said circuit substrate contained in the information card and is externally exposed."

Applicant's claim 7 recites the feature of "an inner side of said conductive external panel contacts an outer side of the conductive shell disposed on the perimeter of said external conductor."

Applicant's claim 9 recites the feature of "the elastic conductive member connects said conductive external panel and said ground conductor portion of said circuit substrate."

Applicant's claim 16 recites the feature of "a seat member disposed on the circuit substrate protruding in the direction substantially perpendicular to a surface of the circuit substrate."

With the improved features of claims 1, 7, 9, and 16, Applicant has been able to provide an information card having a reduced number of components and which requires fewer steps to produce, thus, greatly reducing the cost of producing the information card (see, for example, the second full paragraph on page 2 of the originally filed specification).

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Applicant's claim 1 recites the feature of "said ground member is connected to said ground conductor portion of said circuit substrate contained in the information card and is externally exposed." The Examiner alleged in paragraph 7 on page 4 of the outstanding Office Action:

It should be noted that the ground member 14 is fed through via 17, fig. 3b, where the via is open through the bottom board 11A and open to the outside. Therefore, the top portion of ground 14 is exposed externally.

Applicant respectfully disagrees.

First, Applicant does not understand how the Examiner considers that the top of the ground member 14 is externally exposed if the bottom of the ground member 14 is fed through a via 17 in circuit substrate 11.

Second, Applicant respectfully submits that Potters et al. teaches that, in an assembled state of the information card, the top of ground member 14 is covered by shield 5 and the bottom of ground member 14 is covered by shield 6. That is, contrary to the Examiner's allegation, Potters et al. teaches that the ground member 14 is **NOT** externally exposed.

Thus, Applicant respectfully submits that Potters et al. fails to teach or suggest the feature of "said ground member is connected to said ground conductor portion of said circuit substrate contained in the information card and is externally exposed" as recited in Applicant's claim 1.

Applicant has amended claim 7 to recite the feature of "an inner side of said conductive external panel contacts an outer side of the conductive shell disposed on the perimeter of said external conductor."

First, Applicant respectfully submits that the Examiner has failed to identify what element of Potters et al. teaches or suggests the feature of an external conductor.

Second, Applicant respectfully submits that no element of Potters et al. teaches or suggests a conductive shell disposed on the perimeter of an external conductor as recited in Applicant's claim 7.

Thus, Applicant respectfully submits that Potters et al. clearly fails to teach or

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suggest the feature of "an inner side of said conductive external panel contacts an outer side of the conductive shell disposed on the perimeter of said external conductor" as recited in Applicant's claim 7.

Applicant has amended claim 9 to recite the feature of "the elastic conductive member connects said conductive external panel and said ground conductor portion of said circuit substrate."

Potters et al. teaches that a metal rivet 14 connects what the examiner alleges is an external panel 2 and the circuit substrate 11, **NOT** that an elastic conductive member connects the external panel and the circuit substrate as recited in Applicant's claim 9. That is, Applicant respectfully submits that the metal rivet 14 of Potters et al. is clearly not elastic.

Thus, Applicant respectfully submits that Potters et al. fails to teach or suggest the feature of "the elastic conductive member connects said conductive external panel and said ground conductor portion of said circuit substrate" as recited in Applicant's claim 9.

Applicant amended claim 16 to recite the feature of "a seat member disposed on the circuit substrate protruding in the direction substantially perpendicular to a surface of the circuit substrate."

The Examiner has alleged in paragraph no. 7 on page 4 of the outstanding Office Action that "the seat member is the top portion where the element 13 is attached thereto; it is not numbered explicitly." However, the element of Potters et al. referred to by the Examiner is clearly disposed on the connector 2, **NOT** on a circuit substrate 12, and certainly fails to protrude in the direction substantially perpendicular a surface of the circuit substrate 11 as recited in Applicant's claim 16.

Thus, Applicant respectfully submits that Potters et al. fails to teach or suggest the feature of "a seat member disposed on the circuit substrate protruding in the direction substantially perpendicular to a surface of the circuit substrate."

Accordingly, Applicant respectfully requests reconsideration and withdrawal of

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the rejection of claims 1, 7, 9 and 16 under 35 U.S.C. § 102(e) as being anticipated by Potters et al.

The Examiner has relied upon Young et al. to allegedly cure various deficiencies in Potters et al. However, Young et al. fails to teach or suggest the features of "said ground member is connected to said ground conductor portion of said circuit substrate contained in the information card and is externally exposed" as recited in Applicant's claim 1, "an inner side of said conductive external panel contacts an outer side of the conductive shell disposed on the perimeter of said external conductor" as recited in Applicant's claim 7, "the elastic conductive member connects said conductive external panel and said ground conductor portion of said circuit substrate" as recited in Applicant's claim 9, or "a seat member disposed on the circuit substrate protruding in the direction substantially perpendicular to a surface of the circuit substrate" as recited in Applicant's claim 16.

Accordingly, Applicant respectfully submits that Potters et al. and Young et al., applied alone or in combination, fail to teach or suggest the unique combination and arrangement of elements recited in claims 1, 7, 9, and 16 of the present application. Claims 2-6, 8, 10, and 17 depend upon claims 1, 7, 9, and 16 and are therefore allowable for at least the reasons that claims 1, 7, 9, and 16 are allowable.

In view of the foregoing amendments and remarks, Applicant respectfully submits that this application is in condition for allowance. Favorable consideration and prompt allowance are solicited.

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The Commissioner is authorized to charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 50-1353.

Respectfully submitted,

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